

# Multiple Battery System and Network controlled multiple Battery System

## Abstract

The instant invention is directed to a multiple battery system and network controlled multiple battery system. A main battery having a main positive output and a main negative output is also provided, together with an at least one auxiliary battery having an at least one auxiliary positive output and an at least one auxiliary negative output. A main electrical circuit having an at least one switching device is provided with at least two operating positions. The two operating positions selectively couple the main and at least one auxiliary battery to the common positive terminal. In the first of the at least two operating positions electrical charge is provided to both the main battery and the at least one auxiliary battery. A controller is also provided and coupled to the main electrical circuit and switches the at least one switching device based on input from an at least one sensor.